

# PERMANENTE CREEK TRAIL PROJECT, HIGHWAY 101 TO OLD MIDDLEFIELD WAY

## CONSTRUCTION UPDATE NO. 6

Updated: July 20, 2011

*Note: This construction update webpage will be updated the first week of every month for the duration of construction of the Permanente Creek Trail Project. The webpage may be updated more frequently should the need arise to inform the public about a specific event, issue, and/or construction activity.*

**\*\* General construction information and project schedule are shown below. The current construction update is shown on the next page. \*\***

### Construction – General Information

Construction of the project began in December 2010 and is expected to continue through spring 2012. The bridge will be constructed before the tunnel.

Pile driving will be necessary to construct the foundation of the bridge. Pile driving may cause considerable noise and vibrations. Specific information about pile driving including the hours and locations it will occur will be distributed to directly impacted residents and businesses. During the bridge construction, the trail from Highway 101 to Charleston Road will be closed, and freeway and lane closures on Highway 101 will occur at night between the hours of 12am and 5am. Work in the freeway median and construction of the bridge above the freeway may cause temporary traffic delays through the construction site.

During the tunnel construction, it will be necessary to close Telford Avenue from Old Middlefield Way to Spring Street for 45 days during the 2011 Crittenden School summer recess. In addition, lane closures and traffic control along Old Middlefield Way between Highway 101 and Sierra Vista will be necessary.

Construction vehicles and equipment will enter and exit the work zone during construction and this movement will have some impact on traffic on Charleston Road and Old Middlefield Way.

Residents and businesses directly impacted by construction will be notified of specific events and construction impacts during construction.

The overall construction schedule is as follows:

Begin Project Construction	December 2010
Pile Driving	December 2010 to February 2011
Bridge Construction	December 2010 to December 2011
Tunnel Construction	Summer 2011 to Spring 2012
45-day Telford Avenue Closure	Summer 2011
Complete Project Construction	Spring 2012

## **\*\* Current Construction Update \*\***

The following construction update covers the period from June 1 through June 30, 2011.

### **Major Work Completed To Date (Month Completed - Activity)**

June 2011 – Completed floodwall

May 2011 – Completed placement of concrete bridge deck (Bent 5 to Hinge 1 and Bent 11 to Abutment 16)

April 2011 - Completed bridge footings and columns on north and south sides of Hwy 101

March 2011 - Completed bridge footings and columns, abutment No. 1 through bent No. 9

February 2011 - Pile driving completed

February 2011 - Bridge footings completed

### **Progress of Work – June 2011**

- Continued construction of concrete bridge barrier on north side from Abutment 1 to Hinge 1.
- On the north side of the project work continued with the SCVWD floodwall construction and asphalt paving of the new pedestrian pathway.
- Work was completed on the temporary falsework for the box girder bridge from Bent 11 to Bent 9 and concrete was placed in the bridge stems and soffit.
- Construction commenced with the first section of the tunnel crossing under Old Middlefield, as well as the 45 day closure of Telford (per Stage 1) which is to include underground utilities, storm drain systems and pump station.
- Public Notifications were issued to residents for the 45 day temporary closure of Telford.
- Ongoing establishment and maintenance of storm water pollution prevention measures.

### **Work Planned and Impacts to the Public – July 2011**

#### **Planned Work:**

- The north side work will consist of forming, installing reinforcement, and placing concrete for the bridge deck from Bent 9 to Bent 11.
- Continue construction on Telford Ave, along with utility relocation, installation of storm water systems and pump station.
- Continue construction of the concrete bridge barrier and subsequent fencing and hand railing.
- Continue with storm water pollution and prevention establishment and maintenance.

- The project will continue with SWPPP monitoring, maintenance, and compliance.

Impacts to the Public:

- Traffic delays are expected while motorists become familiar with the new lane alignment. This lane alignment will be in place for several months while the bridge is being constructed.
- The construction of the tunnel crossing at Old Middlefield, in conjunction with the 45 day closure of Telford Avenue.
- Motorists are encouraged to consider alternate routes including Amphitheatre Parkway, Old Middlefield Way, Rengstorff Avenue, Shoreline Boulevard, and Charleston Road to avoid traffic delays during construction.

For more information regarding the Permanente Creek Trail extension project, please contact the City's project manager:

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Construction Photos – May 2011



*Photo 1 – SCVWD Floodwall pour along Permanente Creek Trail.*



*Photo 2 – New SCVWD Floodwall under Permanente Creek Trail POC.*



*Photo 3– Construction of temporary bridge falsework from Bent 9 to Bent 11.*



*Photo 4 – Initial forming of bridge stems and soffit from Bent 9 to Bent 11.*